Olympus D-540 Digital Camera

CCD Imager	3.2 megapixel effective 3.3 megapixel gross 1/3.7 type (0.4 type) CCD
Lens	Olympus 3 aspherical glass zoom lens 5.8 - 17.4mm (38 - 114mm equivalent in 35mm photography), 7 lenses in 6 groups
Seamless Digital Zoom	Seamless to 10x (3x optical and 3.3x digital combined)
Aperture Range	f2.9/5.0 - f7.0
Shutter Speeds	1 sec. - 1/2000 sec. (up to 2 sec. in Night Scene mode)
ISO	Auto, 50 - 400 (equivalent)
Recording Mode(s)	Still image: EXIF 2.2 JPEG, DCF (Design rule for Camera File system), PRINT Image Matching II Movie mode: QuickTime motion JPEG
Adjustable Resolutions	2048 x 1536 JPEG (SHQ, HQ) 1600 x 1200 JPEG (SQ1) 640 x 480 JPEG (SQ2) QuickTime Movie: 15 frames per second in 320 x 240 HQ mode 15 frames per second in 160 x 120 SQ mode
DPOF (Digital Print Order Format)	Print reserve (single, all, number of copies), Date
Optimum Image Enlargement	n/a
Image Adjustment Modes	n/a
Image Effects	Resize
Panorama	Up to 10 frames automatically stitchable with CAMEDIA Master software when using Olympus brand xD-Picture Card
Sequence	1.5 frames per second burst up to 12 frames in SQ2 mode
Viewfinder	Optical real-image viewfinder
LCD	1.8" (4.5cm) TFT color LCD display (approximately 85,000 pixels)
Focusing System	Autofocus TTL system (contrast detection)
Focusing Ranges	Normal mode: (20cm - 50cm) Macro mode: 8" - 20" (0.2m - 0.5m) Super Macro Mode: 0.8" - 8" (0.02m - 0.2m)
Exposure Control	±2 EV steps in 1/2 EV steps
Metering System	Digital ESP multi-pattern, Spot
White Balance System	IESP multi-pattern auto TTL, Pre-set manual (Daylight, Overcast, Tungsten and Fluorescent)

Flash	Built-in flash
Flash Modes	Auto for low and backlight; Red-Eye Reduction; Fill-In; Off
Flash Working Range	Wide: 8" - 11.2' (0.2m - 3.4 m) Tele: 8" - 6.6' (0.2m - 2.0m)
Flash Charging Time	Approx. 6 seconds at normal temperature with fully charged batteries
Removable Media Card	3V (3.3V) xD-Picture Card, 16MB card included
Selftimer/Remote	12-second delay
Setting Memorization	On/Off (Hold changes/Reset to default settings)
Outer Connectors	USB connector (Auto-Connect), DC input
Auto-connect USB	Compatible with Windows 98 rev2/ME/2000 Pro/XP and Mac OS 8.6 - OS X and higher Windows 98 rev2 driver provided on CD Mac OS 8.6 requires USB mass storage driver 1.3.5 available at apple.com Downloading to laptop computer without USB port possible with optional PCMCIA xD-Picture Card reader
Image Playback	Still image: Index display, up to 4x enlargement, Slide show, Scene rotation, Protect Movie: Normal, Frame-by-frame
Operating Environment	Operation: 32° - 104°F (0° - 40°C) 30 - 90% humidity Storage: -4° - 140°F (-20° - 60°C) 10 - 90% humidity
Power Supply	2 x AA alkaline batteries (included) 1 x LB-01 (CR-V3) lithium battery pack 2 x AA NiMH rechargeable (Manganese batteries cannot be used) AC Power: E-7AU AC adapter (optional)
Date/Time Calendar	Simultaneous recording into image data, Automatic up to year 2099
Calendar	Automatic up to year 2099
Size	4.0" W x 2.2" H x 1.5" D (102.2mm x 55.5mm x 37.5mm) excluding protrusions
Weight	5.3 oz. (150g) without battery and media card

Number of Storable Photos

Quality	Pixel Resolution	16MB xD-Picture Card (included)	512MB xD-Picture Card
SHQ	2048 x 1536	6 shots	221 shots
HQ	2048 x 1536	20 shots	652 shots
SQ1	1600 x 1200	32 shots	1030 shots
SQ2	640 x 480	165 shots	5324 shots

HQ	320 x 240 15 fps movie	33 sec. max per movie 48 sec.	33 sec. max per movie 48 sec. 25 min.
SQ	160 x 120 15 fps movie	148 sec. max per movie 3 min. 31 sec.	148 sec. max per movie 1 hr. 53 min.

All capacity figures are approximate.